Item no.: 358651
MKR IoT Carrier Rev2

63,⁵⁸ EUR

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shipping weight: 0.10 kg
Manufacturer: Arduino

📄 Product Description

With this carrier in combination with any board from the MKR family, you can quickly create your next IoT project without any extra components. This carrier has all you need in sensors and actuators to create cool projects connected to the Internet.
Using the MKR IoT Carrier Rev2 in combination with any board of the MKR family, you can quickly build:

- Environment monitoring stations: Using the sensors on the carrier, you can map different phenomena around you. You can easily measure temperature, humidity, barometric pressure and air quality or detect the movement of the board, and in case you want to expand the sensor you can use any of the grove connectors to connect analog or I2C grove compatible modules. All this information can be stored in the SD card or sent directly to the Arduino IoT Cloud.
- GUI IoT interface: Even if you want to visualize sensor data or design your own user interface, you can use the OLED color display to create your own navigation menus or use the LEDs and the buzzer for feedback.
- Control external devices: Control electronic appliances up to 24 Volts using the two on-board relays. Either you want to turn on or off your reading lamp remotely through the Arduino IoT Cloud Remote app or use any of the sensor data to affect the behavior of the lamp.

- Humidity, temperature barometric and VOC sensor: BME688
- IMU: LSM6DSOX
- Ambient light, proximity, color and gesture sensor: APDS-9960
- Capacitive buttons: 5 (Qtouch Pad)
- Actuators: Buzzer, 5 RGB LEDs
- 24V Relays: 2 (V23079)
- Display: KD013QVFMD002-01
- Grove connectors: 2x connected to analog pins (A0/A6), 1x connected to I2C
- Micro SD card slot: Micro SD card not included
- Battery holder: 18650 Li-Ion rechargeable battery (battery not included)

📄 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability